

**Notice of Allowability**

Application No.

10/705,900

Applicant(s)

ANGELE, JURGEN

Examiner

Art Unit

Jacques Veillard

2165

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment filed on 08/30/2006.
2. ☒ The allowed claim(s) is/are 1-51.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application  |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>10/02/2006</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                           |
|  | 9. <input type="checkbox"/> Other _____.   |

### DETAILED ACTION

1. This action is responsive to the applicant's amendment filed 08/30/2006.
2. Claims 17, 46-51 have been amended, and claim 52 canceled.
3. Claims 1-51 are pending and presented for examination.

### EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney Zalevsky Marina (Reg. No.63,825) on September 29, 2006.

The application has been amended as follows:

In the claims:

48. (Currently Amended) The computer-readable storage medium according to claim 47, further containing software code that when executed by the processor causes the processor to also implement:

permitting a user to at least one of create and edit rules.

49. (Currently Amended) The computer-readable storage medium according to claim 48, further containing software code that when executed by the processor causes the processor to

Art Unit: 2165

also implement:

defining a predetermined number of axioms, a specific type of rule being allocated to each axiom; and

permitting a user to create a rule of a specific type by selecting an associated axiom.

50. (Currently Amended) The computer-readable storage medium according to claim 47, further containing software code that when executed by the processor causes the processor to

also implement:

permitting a user to at least one of create and edit at least one class structure.

#### ***Allowable Subject Matter***

5. The present application has been thoroughly reviewed. The Examiner respectfully submits that claims 1-51 are allowed over the prior art made of record.

#### ***Reasons for Indicating Allowable Subject matter***

6. The following is an examiner's statement of reasons for allowance: The examiner, upon searching a variety of databases, respectfully submits that:

a) -- forming at least one object model, the object model including means for allocating data class which contains an inference unit for generating output variables permitting of evaluating rules; and inputting a query command for instructing the inference unit to generating output variables by evaluating rules, wherein the rules formed a declarative system and linking the components of the class structures-- as embodied in the independent claim 1, and

Art Unit: 2165

b) -- forming at least one object model, the object model including at least one class structure; allocating data according to one or more classes of the at least one class structure; providing a set of rules, the rules forming a declarative system and linking components of class structures -- as embodied in the independent in independent claims 29, 46, 47, and 51. These limitations, in context with the other limitations of the claims was not disclosed by, would not have been obvious over, nor would have been fairly suggested by the prior art of record.

The other dependent claims 1-28, 30-45, and 48-50, being further limiting to the independent claims 1, 29 and 47, definite and fully enabled by the Specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacques Veillard whose telephone number is (571) 272-4086. The examiner can normally be reached on Mon. to Fri. from 9 AM to 4:30 PM, alt. Fri. off..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272- 4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications


Art Unit: 2165

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

J.V.  
J.V.

Jacques Veillard  
Patent Examiner TC 2100

October 02, 2006

  
GRETA ROBINSON  
PRIMARY EXAMINER